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AUG 15 2006  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**Attorney Docket No. 13199US02**

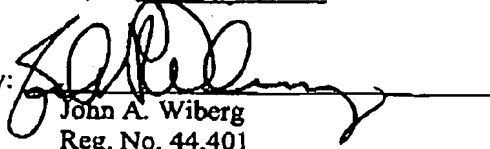
In the Application of: T. Kolze et al.  
Serial No.: 10/000,415  
Filed: November 2, 2001  
For: DETECTION AND MITIGATION OF  
TEMPORARY IMPAIRMENTS IN  
A COMMUNICATIONS CHANNEL  
Examiner: P. Kumar  
Group Art Unit: 2611

Conf. No.: 9101  
Customer No.: 23446

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By:

  
John A. Wiberg  
Reg. No. 44,401

**RESPONSE TO FINAL OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is in response to the Final Office Action mailed May 15, 2006, in the above-identified application. The response is timely because it is submitted within the period of reply ending August 15, 2006. In the Office Action, the Examiner rejected claims 1-3, 6-9, and 11-16; objected to claims 4, 5, 10, and 17; and allowed claims 18-24.

Please amend the above-identified application as follows.

Amendments to the Claims begin on page 2.

Remarks begin on page 7.

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